



ST. ANTONY'S COLLEGE PERUVANTHANAM

Accredited by Govt. of Kerala & Affiliated to M.G. University, Kottayam
Peruvanthanam P.O., Kodikuthy, Idukki (D.K.), Kerala - 685 532

GREEN CAMPUS INITIATIVES

Nestled amidst lush green hills and surrounded by breath-taking natural landscapes, the campus of "St. Antony's College, Peruvanthanam" stands as a true testament to the harmonious fusion of education and scenic beauty. Located in a picturesque region, this college offers students a serene and inspiring environment that stimulates their academic pursuits while soothing their souls. The campus is a vibrant oasis of greenery, embodying a commitment to ecological preservation and providing a harmonious environment for learning and personal growth. Throughout the campus, buildings blend harmoniously with the environment.


The students have started recognizing the importance of living sustainably and the negative effects of climate change have become a wake-up call for all. Our college, therefore, aims to implement measures to make the world a better place to live.

The motto of the college as part of Green Campus is **"Education Rooted in Green Values."**

Green Initiatives of the college :

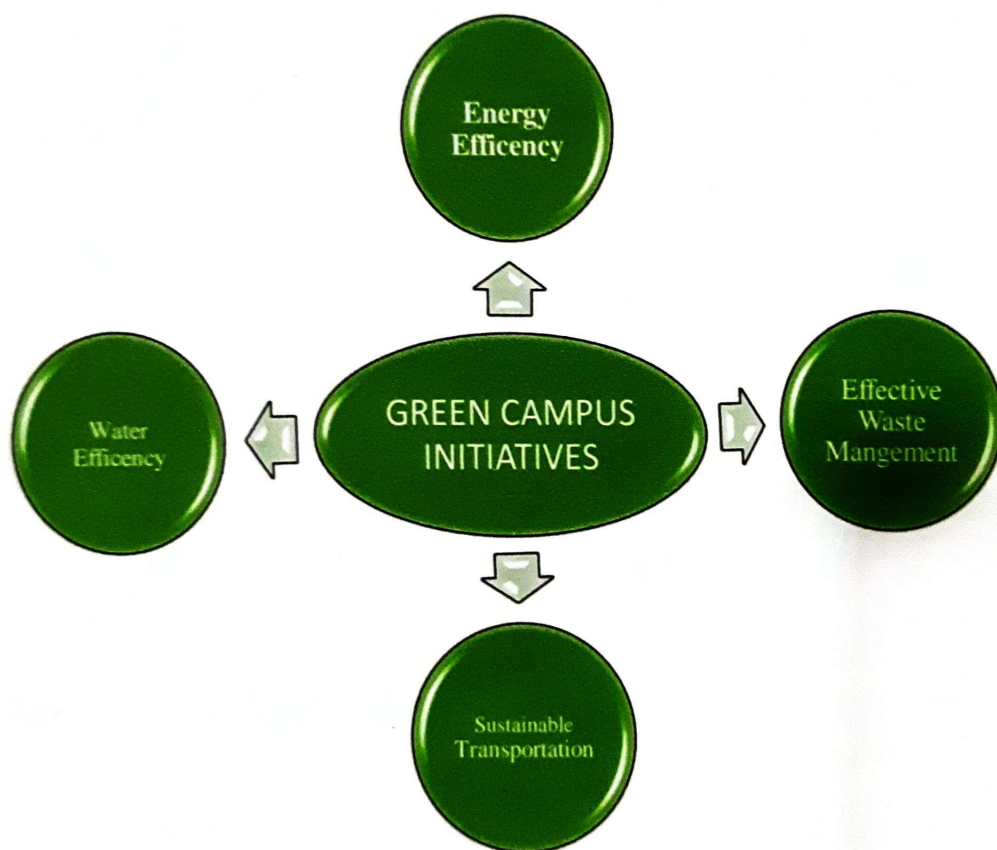
1. The buildings here are designed to blend seamlessly with the natural surroundings. Constructed with large windows and open spaces, the architecture maximizes the integration of the scenic beauty into every corner. Classrooms are bathed in natural light, reducing the use of electricity.
2. Large windows allow ample natural air to flood the interiors, reducing the need for artificial cooling and creating a cool and inviting atmosphere.
3. The campus seamlessly integrates with the surrounding natural landscape, featuring an abundance of trees, shrubs, and well-manicured gardens.
4. The campus boasts a comprehensive recycling and waste management program, with strategically placed recycling bins and composting facilities.
5. Water conservation is a priority, evident in the presence of rainwater harvesting systems and efficient irrigation techniques that nourish the campus greenery while minimizing water usage.
6. The college hosts seminars, workshops, and guest lectures by renowned environmentalists to inspire and educate the student body about sustainable practices.
7. The university also organizes regular outdoor events, such as nature hikes, tree planting drives, and environmental awareness campaigns as part of the Adventure Club to foster a sense of responsibility and love for the planet.




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**ELEMENTS OF GREEN CAMPUS INITIATIVES BY
ST. ANTONY'S COLLEGE PERUVANTHANAM**

1. Energy Efficiency
2. Water Efficiency
3. Effective Waste Management
4. Sustainable Transportation



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ENERGY EFFICIENCY

- Replaced traditional incandescent bulbs with energy-efficient LED lighting throughout the campus.
- Building is designed to facilitate proper ventilation thereby reducing energy wastage and optimizing comfort.
- The campus buildings are equipped with energy-efficient appliances such as ENERGY STAR-rated refrigerators, computers, and printers.
- The energy-saving practices are promoted among students, faculty, and staff through awareness campaigns, workshops, and educational programs
- Responsible energy usage habits, such as turning off lights when not in use, unplugging electronics, and using power-saving settings on devices are encouraged.
- Conducts regular green energy audits to identify areas of energy wastage and opportunities for improvement.

WATER EFFICIENCY

- By Installing low-flow faucet toilets throughout campus buildings to reduce water consumption by limiting flow rates without compromising functionality.
- Use native plants, grasses, and trees in landscaping projects that are adapted to local climate conditions, requiring less water for survival.
- Capture rainwater from roofs and other surfaces and store it for later use. Implement rain barrels or cisterns to collect rainwater, which can then be used for irrigation, cleaning, or toilet flushing.
- Conduct regular inspections to identify and promptly repair leaks in plumbing systems, fixtures, and irrigation lines.
- Raise awareness among students, faculty, and staff about the importance of water conservation. Promote responsible water usage habits, such as turning off taps when not in use and reporting leaks promptly.
- Involve students in water efficiency initiatives through nature clubs and volunteer programs.

EFFECTIVE WASTE MANAGEMENT

- Promote waste reduction by encouraging the use of reusable items, such as using tiffin boxes.
- Encourage students and staff to minimize paper usage by opting for digital communication and online submissions.
- Implement source separation programs, providing clearly labeled bins for recycling, composting, and general waste.



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- Partner with local recycling facilities *Harithakarma Sena* to ensure recyclables are processed correctly.
- Educate the campus community about composting guidelines, including what can be composted and how to separate organic waste.
- Implement a system for proper disposal and recycling of electronic waste (e-waste) by working with certified e-waste recyclers to ensure safe and responsible disposal of electronic equipment.
- Conduct periodic waste audits to assess the composition and quantity of waste generated on campus. Analyze the findings to identify areas for improvement, target waste reduction efforts, and evaluate the effectiveness of existing waste management initiatives.
- Raise awareness among students, faculty, and staff about the importance of waste management and recycling.
- Engage with local waste management authorities and community organizations to share best practices, resources, and knowledge. Collaborate on waste reduction campaigns, recycling initiatives, and special collection events.

SUSTAINABLE TRANSPORTATION

- Student vehicles are not permitted within the campus to reduce pollution through carbon emissions.
- Students and staff are encouraged to connect and arrange shared rides.
- Encourage students to use public transportation or college bus service instead of using personal vehicles. We provide separate college buses for students and staff.
- Raise awareness about the environmental impact of transportation choices and the benefits of sustainable commuting.



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